

Title (en)

COMPOSITE MATERIAL OF DE-N-ACETYLATED CHITIN AND FIBROUS COLLAGEN, ITS PRODUCTION AND USE

Publication

EP 0038628 B1 19850710 (EN)

Application

EP 81301212 A 19810320

Priority

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- JP 3671280 A 19800321

Abstract (en)

[origin: EP0038628A2] Problems with conventional collagen materials such as insufficient strength are overcome by a composite material of de-N-acetylated chitin and fibrous collagen. This material may be prepared by bringing the de-N-acetylated chitin and the fibrous collagen into mutual contact in an aqueous acidic medium followed by deacidifying the product obtained. The fibrous collagen can be partially replaced by gelatin and/or soluble collagen. The composite material finds use in medical materials, as an edible casing for food and as a base material for immobilizing an enzyme.

IPC 1-7

C08L 5/08

IPC 8 full level

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CPC (source: EP US)

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C-Set (source: EP US)

1. **A61L 27/26 + C08L 89/06**
2. **C08L 5/08 + C08L 2666/02**

Cited by

US5622740A; EP0502432A1; EP0199531A1; FR2669629A1; EP0089152A1; EP0502431A1; CZ300697B6; CN1065773C; EP0384319A1; EP0318286A3; EP0200574A3; US5116824A; EP0296078A1; FR2616318A1; EP2223941A1; WO9614753A1; WO8810123A1; WO9206136A1

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EP 0038628 A2 19811028; **EP 0038628 A3 19820609**; **EP 0038628 B1 19850710**; AU 535551 B2 19840329; AU 6852181 A 19810924; CA 1147507 A 19830607; DE 3171293 D1 19850814; US 4378017 A 19830329

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